## CENTRAL MISSOURI AVIATION, INC.

## 11200 AIRPORT ROAD • COLUMBIA REGIONAL AIRPORT • COLUMBIA, MISSOURI 65201

FAX (573) 443-7283 January 16, 2011 (573) 443-1576

The Honorable Julius Genachowski Chairman, Federal Communication Commission Room 8-B201 445 12th Street, SW Washington, DC 20554

Received & Inspected

FCC Mail Room

Subject: FCC File No. SAT-Mod-20101118-00239, LightSquared Subsidiary LLC Request for Modification of Its Authority for an Ancillary Terrestrial Component

Dear Mr. Genachowski:

We are deeply concerned that the proposal by LightSquared referenced above will interfere with GPS receiver operation. It is imperative that the GPS national utility remain free of impediments to operation for more than 75 million North American GPS users.

This is not simply a "turf war" over spectrum allocation. It is a public safety issue that would threaten the national transportation grid, national financial system, national security, and virtually everyone in the United States. CONTRACTOR OF CHANGE

The LightSquared proposal will result in an unreliable GPS signal reception with the following effects:

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- Loss of pilots' primary means of navigation during a final approach
- Disruption of training exercises for military service members who routinely use commercial GPS systems
- Loss of the precise timing provided by GPS which is essential for operation of the financial system, power grid network synchronization, and cellular telephone system synchronization and cost accounting First and year good to find for to contact

Furthermore, the U.S. GPS constellation is currently undergoing an \$8 billion upgrade. Approval of the LightSquared proposal without adequate testing will result in a poor return on this huge taxpayer investment.

We urge the FCC to conduct technical interference analysis BEFORE granting a waiver to effectively allow a reallocation of spectrum use from mobile satellite space service to terrestrial wireless service that is adjacent to the band where GPS operates. Further, we urge the FCC to consider this request from LightSquared under the Notice of Proposed Rule-Making process initiated in ET-Docket No. 10-142 to ensure adequate opportunity for bnplic comment. The precise thrilling provided by GFS which is enserved for open tion of the finance

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Very truly yours,

Jay Steven Allen Chief Pilot

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